

Outlook

The University of Maryland at College Park Faculty and Staff Weekly Newspaper • Volume 10 Number 28 • May 7, 1996

Provost Search Committee Appointed by President Kirwan

Pres. William E. Kirwan announced May 3 the appointment of a 17-member committee to conduct a national search to replace Daniel Fallon, vice president for academic affairs and provost.

Fallon announced he will leave his position effective July 1 to join the school of public affairs where he plans to teach and conduct research.

Kirwan has asked Charles Wellford, chair of the College Park Senate and professor of criminal justice and criminology, to chair the search committee.

Also appointed were: Pedro Barbosa, professor, department of entomology; Ira Berlin, acting dean, College of Arts and Humanities; Guillermo Calvo, distinguished university professor, department of economics; Alexander Chen, associate professor, department of urban studies and planning; Theresa Coletti, department of English; Reid Crawford, vice president for institutional advancement; Marie Davidson, executive assistant to the president; Alice Hurd, administrative aide in the office of student financial aid; Raymond Johnson, chair, department of mathematics; Richard Just, distinguished university professor, department of agricul-

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With the usual excitement of commencement comes additional activity this year: First Lady, Hillary Rodham Clinton is the main commencement speaker. On Thursday, May 23, the campus will be teeming with graduates,

First Lady Hillary Clinton will Address Graduates at Spring Commencement Ceremony

families, friends, faculty, staff, along with additional media and the Secret Service.

More than 3,300 undergraduate students and 1,500 graduate students are expected to earn their degrees this spring.

In preparation, the Diploma Office is preparing to distribute tickets for the main commencement.

"I don't think there are going to be any [tickets] left over," says Helen Simpson, account clerk, "It's going to be a zoo!"

Everyone is excited about the First Lady, says Simpson. She has even had a

student who is not graduating call to ask how he could get a ticket. "He just wants to hear Hillary," she says.

"I think it's very exciting," says Pres. William E. Kirwan. "I've noticed how excited all the students are and anxious they are to hear the First Lady speak."

"It's an honor for the university and everyone feels it is a very special commencement," Kirwan adds.

As the commencement begins at 9:30 a.m., the faculty and associate staff will process in and be seated together on the main floor. They will be followed by the platform party and then

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National—ISM (n.) Project Kicks Off Students Use Video to Tackle Tough Diversity Issues

Many college students today are grappling with diversity issues—from racism and sexism to free speech and classism. University of Maryland students enrolled in the UMCP—ISM (n.) class are getting the chance to explore these complex issues and have their say.

—ISM (n.), taking place on 12 college campuses across the nation this spring, gives students a video camera; the expert help of videographers, instructors and class facilitators; and the freedom to record their own personal views. They also have the opportunity to discuss their classmates' videos.

Video directly engages young people in the same medium from which their generation got most of its information growing up. In addition, the use of video offers students a way to challenge much of mainstream media's dependence on stereotypes, sound bites and sensationalism.

When completed, the Maryland tapes will be spliced into

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Joy Westheimer and Jason Palmer shoot their —ISM (n.) project which deals with international students on campus.

IBM-SUR Grant Brings State-of-the-Art Network Capabilities, Computer Research to Campus

Through its innovative Shared University Research (SUR) program, IBM has provided the university with \$2 million worth of equipment, over the last two years, to support the establishment of a high-speed networking infrastructure and equipment for other cutting-edge research projects that are being developed jointly with IBM researchers.

With the assistance of the university's development office, Dean Richard Herman, College of Computer, Mathematical and Physical Sciences, initiated and fostered the contact with IBM which first brought this award to the campus. Subsequently Herman has worked with Ilene Nagel, associate provost for research and dean of the graduate school, to foster additional collaborative research efforts between IBM and the university.

The IBM equipment award coupled with an NSF Networking Infrastructure award to Joseph Ja'Ja',

director of the University of Maryland Institute for Advanced Computer Studies (UMIACS) established a high-speed ATM-based communications network between a number of research laboratories on and off campus.

Information will now flow more effectively and faster and will reach more users. The combination of these two awards significantly impacts the campus and enhances the university's role as one of the leading institutions in the United States in state-of-the-art networking capabilities.

"The IBM-SUR program provides us with the opportunity to expose our faculty and graduate students to a broader set of ideas and experiences than those to which they might ordinarily have access," Herman says. "At the same time, we have the opportunity to provide complementary expertise to industry. It's a win-win situation for the university and IBM. The col-

leges that have benefited from this program include Arts & Humanities, Behavioral and Social Sciences, Engineering, CMPS and Life Sciences."

The projects funded under the IBM SUR award include:

- ATRIUM networking project (Advanced Telecommunications and Research Infrastructure at the University of Maryland, principal investigator—Joseph Ja'Ja', director of UMIACS) is an effort to design and build a very high-speed, low-latency network infrastructure that addresses the university's telecommunications needs as we enter the next millennium.

The ATRIUM will initially connect approximately 100 work stations in 10 laboratories across the campus via 155 megabit/second switched fiber optical links. In addition to UMIACS, the other departments

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1996 Annual Report of the Campus Ombuds Officer, Arnold Medvene

As the world of our university struggles with limited funds and limitless expectations, and as we move toward greater diversity in our internal makeup, the justification and need for a neutral, knowledgeable, and problem-solving resource grows.

Unresolved conflict and unanswered questions rarely disappear. Instead, conflicts can escalate to the degree that they result in severed relationships and dysfunctional environments.

The concern may involve one person or several people versus "the system," an entire department or college, or it may be a systemic problem, such as contract employees, that affects the entire population in adverse ways.

Time is a prized resource in the academy that is often lost as individuals and systems search for equitable solutions, accurate information, and a sense of being valued, respected and heard. In extreme cases, unresolved conflict may result in court battles or acts of violence.

The ombuds officer's three primary purposes are: (1) to be a neutral and impartial person who provides confidential and informal assistance in resolving concerns before they reach the formal grievance stage; (2) to identify areas where systematic problems of the institution exist; and (3) to make recommendations for policy, procedural or institutional change.

Additionally, another principle ombud's role is increasing campus communication, humanizing the environment and decreasing individuals' feelings of disenfranchisement from the community.

People are more important than disputes. If the participants can agree with each other without resolving who did what yesterday, then who did what yesterday is not important. This is particularly true at the univer-

sity since the disputants may deal with one another again, and maintaining credibility and trust may be as important as obtaining any particular substantive gain.

The strong ongoing support of Pres. William E. Kirwan for a faculty ombuds officer sends a powerful message to all that the administration cares about the quality of life for the people who work here.

As everyone with experience in having a conflict or disagreement with someone else knows, the concept of power—who has it, who does not, and how it affects conflict resolution—is a central tenet. Power does not have to be equated with the opportunity to do damage. Power does not have to be equated with coercion, injustice and force. The ombud's position is that power means the ability to influence the decisions of others in ways that are positive for all sides.

This view is compatible with the integrative or win-win approach. The overriding purpose of "problem-solving" negotiation is to maximize the parties' joint gains. Negotiation is the vehicle of working out how to get from a problem to a solution.

The concerns raised by faculty members this year often fall within the categories of professional well-being, problem prevention and rule clarification. All faculty operate in pressure-filled environments. The issues and feelings are often different for non-tenured, tenure-track and tenured faculty, but stress, anxiety and tension are present in all systems. Ever escalating

requirements, expectations and competition for available resources may create disharmony, and occasionally conflict erupts. The ombud's office provides a place to be heard while maintaining confidentiality. The grievant is able to stop and become calm, identify the problem, generate, evaluate and plan how to implement ideas.

The faculty categories of concerns in the 49 cases responded to in 1995-96 are: (1.) faculty/superior relations (2.) equity concerns, i.e., salary (3.) promotion and tenure (4.) termination (5.) discipline procedures (6.) work environment (7.) due process (8.) interpersonal conflict (9.) availability of limited resources (10.) institutional responsiveness and (11.) faculty/student relations.

I have also had the privilege of being invited into various departments to present workshops on conflict management that investigate ways people empower themselves. Several common laws of human behavior are: people do not like to be told what to do; people do not like to apologize; and people tend to carry out only those decisions they have helped formulate. Therefore, as individuals feel more "whole," there is movement toward increased self esteem and a willingness to discuss areas of disagreement, give information, listen, talk it through, work on solutions, and follow through.

My first year as ombud's officer has been exciting and rewarding. I want to publicly thank the faculty, chairs, deans, provost's office and president's office for their support, questions, guidance and advice.

—ARNOLD MEDVENE



Arnold Medvene

E=mc²: Community Service Learning in Action

The sound of children's laughter echoes off the school's brick courtyard while red balloons fly through the air, white crepe-paper strips trailing behind. This is not a game. Although the kids look like they're just playing, they are actually learning how balloons fly.

This fun, hands-on experiment is part of a community service program in the school of engineering designed to teach kids about math and science.

Every Thursday, 15 to 20 engineering students from the university visit Paint Branch Elementary School. There they work with students who have been targeted as "at-risk" by the school and try to get them excited about math and science.

The engineering students help the children with their science fair projects as well as teach them many exciting ways to use math and science.

"It gives the university students the opportunity to apply and teach what they are learning," says Susan Burton, assistant program coordinator for the Women in Engineering program and co-coordinator for E=mc².

E=mc², or engineering = Maryland community collaboration, is a partnership

between Paint Branch Elementary, the school of engineering, and the office of commuter affairs/community service programs. It developed when the Lakeland Action Community Group invited the university to help with efforts designed to meet the social and educational needs of the community. After much brainstorming, E=mc² was developed as a math and science enrichment program for children identified as at-risk.

Paint Branch Elementary is a magnet school for math and science. But not all students are there for the magnet programs. For some, it is their neighborhood school. What happens is that the students for whom the curriculum applies get lots of attention, Burton says. "Those whom it's not for get left behind."

In an effort to target community residents, E=mc² is

offered to students who walk to school since the goal of the program is to help the community.

Surprisingly, many of these children had not considered going to the University of Maryland as an option even though the Lakeland community is less than a mile from the campus. After participating in E=mc², many of the kids now want to attend the university.

A key aspect of the program is reciprocity, a mutual educational relationship. Burton says a major consideration in designing the program was, "How do we get the kids excited about math and science, and for the university students, how do we get them to learn about the community and the complex issues they face?"

The program received a Diversity Initiative matching grant and was planned to incorporate critical thinking about diversity issues in the community, says Burton.

Students from the university have a period of reflection at the end of each session to discuss what went on and talk about the challenges they see in the community. Two student coordinators are trained to intentionally link community issues with the student's understanding of institutionalized oppression and racism.

Burton says the link between the university and community is incredible and that programs like E=mc² are part of the university's responsibility to the community since it is a land-grant institution.

The university students agree. "I think it's important to get back into the community," says James Drayton, a senior engineering student. "[It's important] to show the kids that someone is there supporting them."

The program has gone over very well with the elementary students, as is evident by their smiling faces and energy.

"I never thought that getting them to leave would be the problem," says Adrienne Tiñana, student co-coordinator, after 20 minutes of trying to send the children home. "I thought getting them to stay would be the problem."

—KIRBY DICKEN



Students from Paint Branch Elementary School and the university join forces in the E=mc² program.

A Double Goodbye

As we publish our last issue of the semester, I will also be concluding my time as acting editor. Effective May 20, Jennifer Hawes will be returning from maternity leave to edit Outlook. I will happily be staying within the Office of University Relations as a media relations specialist.

—JANET CHISMAR

Reminder: The first issue of the summer will be June 18, the deadline is Friday, June 7.

UNIVERSITY OF MARYLAND AT COLLEGE PARK

Outlook

Outlook is the weekly faculty-staff newspaper serving the College Park campus community.

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CQI Roundup: IBM-Total Quality Students Present Final Projects

Later today, the first group of undergraduates to participate in the IBM-Total Quality curriculum will present their final projects. The Total Quality, or TQ, Practicum course which they took this spring (BMGT/ENES 490) was the capstone in a series of four courses designed to teach students the value of involving all members of an organization in a quality program.

The first IBM-TQ class was held at Maryland in the fall of 1993, and it is hoped the program will continue next year.

The 30 students—mostly business, marketing and engineering majors—worked as seven teams in conjunction with six organizations: St. John's College in Annapolis; Sport Count, Inc.; Vann's Spices Limited in Baltimore; Black & Decker; Allied-Signal (two teams); and IBM, which founded the TQ program. The students will deliver oral presentations to their respective companies later this week.

Traci Hill, a senior business and marketing major who worked on the Black & Decker team, says that the TQ program gave the students cutting edge knowledge. "The great advantage in the consulting program as a whole is to get real-world experience, to understand the frustrations and rewards of a real business project," she adds.

Patrick Schlude, also a senior business and marketing major, worked with Allied-Signal's Simulation and

Comparabilities group in Lanham, Maryland. "The group that we worked with was very dedicated to helping us achieve our goals," he says. Additionally, Schlude says that the experience he gained from the IBM-TQ program helped him land a full-time job as a marketing and sales representative for Toyota.

Though Hill and Schlude learned a great deal from the large corporate environment, Patrick Valenti, a senior business and accounting major, also benefitted from working with a very small company—Vann's Spices. "They started the company out of their kitchen," says Valenti. "They knew about spices but needed help running a business."

Valenti and the other three members of the team taught some employees basic computer skills and formulated a plan to help the company manage production costs and overhead.

The other students who participated in the IBM-TQ program (and their teams) are as follows:

SPORT COUNT, INC.:

Bob Floyd, mechanical engineering
Debbie Gordon, business/accounting
Steve Kutchi, mechanical engineering
Brandon Mason, mechanical engineering
Eric Waldman, business/marketing

ALLIED-SIGNAL, Lanham:

Ila Chates, business/finance

Missy Grace, business/finance
Raj Narayanan, chemical engineering

ALLIED-SIGNAL, Goddard Space Flight Center, Greenbelt:

Lisa Frappolli, business/human resource management
Hershan Gunawardane, electrical engineering
Jiasi Li, electrical engineering
Hayden Metz, electrical engineering
Michael Pagen, electrical engineering

VANN'S SPICES:

William Layton, business/product management
Josh Meltzer, business/finance
Frank Parsons, business/marketing

IBM:

Tracy Bailey, business/marketing
Raj Mattamal, business management/decision&information systems
Jennifer Yang, business management/decision&information systems
Shin Yu, electrical engineering

BLACK&DECKER:

Greg Koeser, civil engineering
Brian Marquardt, electrical engineering
Steve Payne, electrical engineering
Debbie Young, business/marketing

—MEREDITH TCHIRNEVSKY

Counseling Psychology Program Ranked Number One by U.S. News & World Report

The graduate program in counseling psychology on campus is the best in the country according to recently published rankings in U.S. News & World Report.

The program, which has been in place for nearly 30 years, has been a joint effort between the department of psychology and the department of counseling and personnel services since 1984.

It offers doctoral students training in basic psychology, counseling procedures in both individual and group formats, and consultation services.

Program co-directors are Charles Gelso, professor of psychology, and Mary Ann Hoffman, professor of counseling and personnel services in the College of Education.

According to Hoffman, the joint nature of the program exposes students to an enhanced depth of knowledge and a greater breadth of interests.

"The rankings are based on research productivity at national and international

conferences, as well as the quality of teaching," she says. Several faculty are editors of the top journals in the field and are, or have been, officers of the American Psychological Association.

Counseling psychology attracts bright and diverse students from across the country, she adds.

"The caliber of students and the service and leadership of faculty, as well as its strength in multiculturalism, make the program strong," says Hoffman.

"The thing that makes [the program] distinctive is that we have really good students and a faculty that's very active," agrees Gelso. Four out of the nine faculty members will have books published in the coming year and most [of the faculty members] are nationally prominent," he adds.

Approximately 45 students participate in the program, which has been ranked number one nationally for nearly 20 years, and is accredited by the American Psychological Association.

—DIA KANELLOS

Four Star General Returns to Campus

Thirty-one years after he received his B.S. in aerospace engineering, Major General Gary Curtin, USAF, will return to campus May 10 as guest speaker at the Air Force ROTC awards banquet. Cadets will receive awards for scholastic and military achievement at the Stamp Union ceremony.

Currently director of the defense nuclear agency in Alexandria, Va., Curtin was a distinguished graduate when he received his commission as a second lieutenant in 1965 after completing his ROTC training at the university.

During his career, he has worked in intelligence and politico-military posts.

As an airborne targeting officer, he flew 105 combat missions during the Vietnam War.

Curtin was a leader of the delegation that successfully negotiated the 1982 Strategic Arms Reduction Talks Treaty with the Soviet Union.

Prior to his current assignment, he was director of intelligence for the U.S. Strategic Command. He is the recipient of many awards, including the Legion of Merit, the Meritorious Service Medal with two oak clusters, the Air Force Commendation Medal, and the Air Medal with two oak clusters.

With more than 2,300 flight hours, Curtin is proof that Terrapins can fly.

National History Day has Home at Maryland

For the 16th consecutive year, the university will host the National History Day competition, scheduled for June 9-13, in the Stamp Student Union.

Four years ago, National History Day moved its national headquarters to the College Park campus. With offices located in 0119 Cecil Hall, National History Day is now headed by Cathy Gorn who was elected to that position last year and is in her 13th year with the organization.

National History Day is a non-profit organization devoted to the promotion of history education for students in grades six through 12. Each year, National History Day sponsors a year-long, comprehensive educational program for participants to engage in extensive historical research on a wide variety of topics.

The theme for this year's contest is "Taking a Stand in History: Individuals, Groups, Movements." The 2,000 students who will attend the competition are winners from their respective states and the District of Columbia. In 1996, more than 500,000 student competed nationally in local History Day contests.

Much like a science fair, History Day requires students to work on one project for the length of the school year. Students are encouraged to utilize their research to prepare projects, papers, performances and media presentations based on historic persons and events that relate to the annual theme.

In 1974, David Van Tassel of Case Western Reserve University started a local history contest in Cleveland. His goal was to bring college faculty, public historians and school teachers together to promote history education. That first year, 129 students participated.

Six years later, the first national competition took place at Georgetown University with more than 500 students in attendance. Since its inception, nearly 4.5 million students have taken part in the contest.

As added incentive, and for the fourth consecutive year, 25 outstanding History Day projects from the competition will go on display at the Smithsonian Institution's Museum of American History. Many students whose projects have been displayed at the Smithsonian have commented that the public recognition of their work was the most rewarding part of the program.

National History Day is made possible by a wide variety of sponsors, such as the National Endowment for the Humanities. According to Byron Hollinshead, president of the National History Day Board of Trustees, the organization is currently experiencing cutbacks in public funding, but better financial management has reduced its operation budget.

In addition to awarding winning students in a number of categories, National History Day also awards one outstanding teacher for his or her individual contribution to the competition. The Richard Farrell Teacher of Merit Award was named for the late Richard Farrell, a member of the University of Maryland's history department and the Board of Trustees of National History Day.

Several members from Maryland's history department will act as judges in this year's contest. The university is also offering a partial scholarship to one of this year's winners.

For more information on National History Day, contact Cathy Gorn at 314-9739.

—DAVID REYNOLDS

Making a Difference in Students' Lives

Yvonne Gentzler and Mady Segal are Honored by Parents' Association

For their outstanding efforts and dedication in teaching and advising, Yvonne Gentzler and Mady Wechsler Segal were recognized by the College Park Association of Parents at an April 18 ceremony.

"I think the fact that the College Park Association of Parents recognizes teaching as a critical component of a major research institution's function is important," says Gentzler. "It says a lot about the direction of this university that teaching is valued."

Gentzler, assistant professor of curriculum and instruction, received the association's Outstanding Faculty Award. She has been at Maryland for six years and teaches Principles and Methods of Secondary Education, an upper-level, multi-disciplinary class.

According to Gentzler, she is a facilitator of knowledge. "I teach teachers how to teach, so these students have to bring a lot to the table."

She also describes herself as fortunate because her students really have a desire to teach and are committed to the field. "When you get to work with students like that, your job is easy," she adds. "Every semester, I learn as much from them about how to be a good teacher as they do from me. They challenge me as much as I challenge them."

Gentzler was a Lilly Center for Teaching Excellence

fellow in 1994, and part of the Curriculum Transformation Project in 1994. Also in 1994, she received the Innovation in Advancing Women's Leadership Award from Wells College in New York for her work in addressing policy issues related to families.

Gentzler has a two-year grant from the state department to study gender equity issues for educators. She received her master's and doctoral degrees from Penn State University.

"I'm proud to be the recipient of an award

that comes from the students," she says.

Segal, professor of sociology, received the Parents' Association Outstanding Academic Adviser Award.

While some of the advising is academic, says Segal, she feels she was recognized for her informal advising role as well. "As a faculty member, we all do advising. It's recognizing when a student has a need and helping out in a proactive way."

Some of that interaction with students involves advice on professional questions, such as where to go to graduate school. Some is personal.

When faced with a student's personal problem, Segal says she acts as a facilitator, referring the person

to agencies on campus such as the counseling center. For example, if a student misses classes or exams, she'll ask what's wrong without prying and tell them of various resources—whether it's help with reading and study skills or interpersonal difficulties. She is often the first person a student will go to.

Segal was nominated by Christine Wahl, a Ph.D. candidate whom Segal advises formally. Wahl took the time while studying for her comprehensive exams to write the nomination letter.

Segal came to Maryland in 1974 after briefly working in research for the U.S. Army. She taught at Eastern Michigan University from 1968 to 1973. In 1985, she was named a Distinguished Scholar Teacher and was recognized as an Outstanding Woman Faculty Member in 1988. Segal was recently appointed to the Board of Visitors for the U.S. Military Academy by President Clinton.

She is an alumna of the University of Chicago graduate school and Queens College in New York.

"I was quite surprised and astounded to receive the award," she adds.

Gentzler and Segal each received \$1,000 and were guests of the Parents' Association for "The Ties That Bind," starring Regina Taylor in Tawes Theater, immediately following the awards ceremony.

The College Park Association of Parents, founded in 1977, exists to further the educational goals of the University of Maryland by improving communication among parents, family members and the university community.

—JANET CHISMAR



Office of Technology Liaison Names Inventions of the Year

A computer program that recognizes and interprets facial expressions, a method of using plants to remove heavy metals from the soil, and a fiber optic sensor used to detect structural deterioration in buildings were named 1995 Inventions of the Year.

These technologies, which were developed at the university, received recognition from the Office of Technology Liaison (OTL).

OTL presented plaques and a \$500 award to the inventors of the top three of 74 technologies disclosed to the office in 1995. An independent panel chose one winning technology from each of the physical, life and information science areas based on its creativity, novelty and potential overall benefit to society.

The 1995 information science Invention of the Year, "Tracking and Recognizing Facial Expressions," is a program that allows computers to recognize and interpret facial expressions.

Among its many applications, the technology can be used to gauge public interest in a product, political candidate or television show; to allow a person to use head movements to control his wheelchair; and to evaluate whether a student is paying attention in class.

The technology was developed by researchers Yaser Yacoub at the university's Center for Automation and Research and Michael Black at Xerox Palo Alto Research Center, Calif.

"Phytomining Nickel from Soil" is the 1995 life science Invention of the Year award recipient. The invention introduces an effective and economical method of using plant varieties to remove heavy metal contaminants, such as nickel,

from soil.

The inventors have developed plants that accumulate very

high amounts of metals and can be harvested frequently. The process not only removes the contaminants, but allows for recovery of the metals for resale.

The technology was created by researchers Jay Scott Angle at the university's Agricultural Experiment Station, Alan Baker at the University of Sheffield, England, and Rufus Chaney at the U.S.

Department of Agriculture.

The 1995 physical science Invention of the Year, "Fiber Optic Three Stain Sensor," is a new fiber optic sensor that can be used to detect deterioration in our nation's aging infrastructure.

Developed by researchers James Sirkis and Harmeet Singh from the department of mechanical engineering, the single sensor can measure three geometric types of strains in structures such as skyscrapers, bridges, utility plants and aircraft.

OTL was established in 1986 to facilitate the technology transfer needs of the university. This includes identifying, protecting, marketing and licensing technologies developed at the university. OTL also provides technology transfer services to other University of Maryland System campuses upon request.



Top row, from left: Pres. Kirwan and Wayne Swann, executive director of OTL. Middle row: Dean Ilene Nagel and Azriel Rosenfelt, Center for Automation Research. Front Row: Scott Angle, Agricultural Experiment Station; James Sirkis, mechanical engineering; and Rufus Chaney, USDA.



Scott Angle, left, and Rufus Chaney worked on the life science Invention of the Year, "Phytomining Nickel from Soil."

Office of University Publications Receives CASE Gold Medal

The Office of University Publications has been awarded the Grand Gold Medal in the Overall Publications Programs category by the Council for Advancement and Support of Education (CASE).

Twenty-eight entries were judged in the competition and only one Grand Gold Medal was awarded.

University Publications produces the majority of high-profile external print communications for the university—providing editorial, writing, photographic and design and production services.

Gold, silver and bronze medals were given in each of four institutional categories: independent schools, two-year colleges, four-year colleges and universities. The Grand Gold Medal was chosen from the gold medalist from all four groups.

Judging was based on the goals and objectives of each institution's publications program. Judges also looked for an understanding of the targeted audience(s) and the institution's mission and how well it was communicated in the material. And, they evaluated content, writing, editing, design, photography, printing quality, as well as budget and use of available resources.

CASE also awarded University Publications with a silver medal for the "College Park" magazine, a silver medal for its Engineering recruitment brochure and a bronze medal for its Liberal Arts and Humanities brochure.

Office of Multi-Ethnic Student Education Recognizes Mentors/Mentees

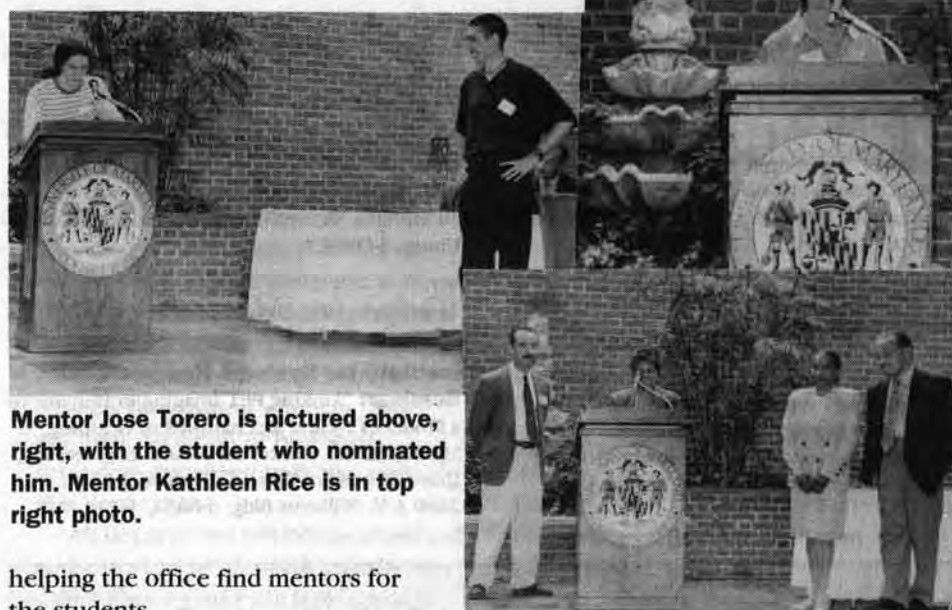
The Office of Multi-Ethnic Student Education (OMSE) presented its second annual Mentor/Mentee Awards on April 23.

This year's Mentor of the Year award went to three employees: Dottie Bass, mentoring program coordinator and outreach and programming coordinator of OMSE; Kathleen Rice, graduate assistant, Office of Commuter Affairs; and Jose Torero, assistant professor, department of fire protection engineering. Wallace King, an employment analyst in the department of personnel services, received an honorable mention.

Latouri Beverly, an accounting major, was named Mentee of the Year.

Mentoring is an integral part of the retention activities of the campus. The program matches administrators, counselors, faculty and staff with students of color who desire to experience a smoother adaptation and integration into the college environment.

The mentoring program got its start in the fall of 1989. The Black Faculty Staff Association played a big role in



Mentor Jose Torero is pictured above, right, with the student who nominated him. Mentor Kathleen Rice is in top right photo.

helping the office find mentors for the students.

OMSE mentors coach, teach and guide students, said Mary Cothran, director of OMSE. Mentoring goes beyond the classroom, to being accessible at home. It is asking, "Can I help?" when a student looks down. It is challenging and supporting the student, she added.

From left: John Hernandez, OMSE chair; Mary Cothran, OMSE director; Dottie Bass, mentor; and Dean Robert Hampton.

Mentees are expected to be serious students, keep their mentors informed of their progress, and commit to carry out agreed upon plans.

Kirwan joins Potomac Knowledge Way Board

Pres. William E. Kirwan and John Tydings, president of the Greater Washington Board of Trust have joined the Potomac Knowledge Way Project board of directors.

Formed in June 1995, the Potomac Knowledge Way Project has emerged as a powerful and positive force in the greater Washington region. It is committed to establishing the region as one that has embraced the communications revolution and prospered from it by educating the community and work-force about the enormous opportunities the communications revolution represents.

"My interest in finding creative, business-oriented solutions to educational challenges and in advancing the interests of the future workforce and the community makes this an exciting opportunity, one which meshes well with the strengths of this university," says Kirwan.

Award Ceremonies for Two Presidential Commissions Scheduled for May 7 and 8

President's Commission on Ethnic Minority Issues Awards

The ceremony for the President's Commission on Ethnic Minority Issues Awards is Tuesday, May 7 from 3 to 5 p.m. in the Garden of the Rossborough Inn.

The Associate Staff Minority Achievement Award will go to Mattie Riley, coordinator for education programs in the Institute for Systems Research. Riley is recognized for her commitment to providing support services for students, as well as her many contributions to Black Faculty and Staff Association, OMSE and other groups.

Riley has conducted outreach recruitment and retention initiatives for women and minorities in the educational programs at the Institute for Systems Research.

Information systems manager Fuller Ming in the department of dining services will receive the Classified Staff Minority Achievement Award for his contributions to the department.

Ming is known for tireless efforts for ensuring that dining services has a diverse student work force in its computer operations. His accomplishments include coordinating the installation of the IBM RISC 6000 computer system and transferred the Food Program system, from an older legacy system. He has served as an advocate for and mentor to ethnic minority students and staff in the department.

Kevin Stephen, an undergraduate student in marketing and finance, will receive the Undergraduate Student Minority Achievement Award for his academic achievement and numerous contributions to serve ethnic minority students.

Stephen was elected president of the Black Business Society in 1994. During his tenure, the BBS was selected as the OMSE organization of the year and the Nyumburu Cultural Center's pre-professional society of the year. He has participated in NASA/GSFC's Learning Enhancement and Achievement Program and mentored students at the Robert Goddard Middle School.

The Faculty Minority Achievement Award will go to associate geography professor Charles Christian and physics professor Sylvester Gates.

Christian is the author of "Black Saga: The African American Experience" and in the local public school system, he established the Black Saga Competition which test students' knowledge of the African-American experience.

As chair of the Maryland Legislative Black Caucus Summit, Christian called upon more than 50 of the state's top African-American scholars, activists and politicians to discuss the problems affecting the well being of African Americans in Maryland.

Gates, the author or co-author of more than 100 published research papers on the topic of supersymmetry, speaks regularly at national and international conferences. He recently completed a two-year term as president of the National Society of Black Physicists, of which he is a charter fellow.

Gates co-chaired the Committee on Excellence through Diversity.

Dean Willis Hawley will receive the Academic Unit Minority Achievement Award on behalf of the College of Education. The College is recognized for its work in building and supporting a more diverse educational community. These efforts have resulted in dramatic gains in ethnic minority representation, particularly regarding the recruitment of a significant number of African-American faculty to the college.

Mary Cothran will accept the Non-Academic Unit Minority Achievement Award on behalf of the Office of Multi-Ethnic Student Education. The office is recognized for its outstanding programs and initiatives to improve the campus experience for ethnic minority students. In addition, OMSE organizes the annual Retention 2000 conference on campus and provides numerous award programs for students.

Pres. William E. Kirwan and Janet Helms, chair of the commission, will present the awards.

President's Commission on Disability Issues Awards

On Wednesday, May 8, the winners of the President's Commission on Disability Issues Awards will be honored from 3 to 4:30 p.m. in the Maryland Room of Marie Mount Hall. Pres. William E. Kirwan and commission chair Nan Ratner will present the awards.

Associate professor Roberta Levine of the department of Spanish and Portuguese will receive the Faculty Disability Achievement Award for her strong efforts to improve the success of students with learning disabilities in their study of foreign languages.

Her efforts have included counsel and advice for students and faculty on different styles of student and instruction foreign language success, and outreach to the local community through her role as the Special Needs PTA Department Chairperson for the Montgomery County School System.

The recipient of the John W. King Staff Disability Achievement Award will be assistant director of residential facilities Carol Brice, who is recognized for her sustained and selfless commitment to resident hall students with special needs.

Brice has met individually with students with special needs, prior to or upon their arrival, to make sure the spaces and the accommodations suit each individual's needs.

She has worked closely with maintenance staff to review and periodically replace to portable equipment inventory which allows the department to add assistance devices to spaces not previously modified.

Psychology major Jay Liesener will receive the Student Disability Achievement Award for his contributions to the campus as an advocate for students with disabilities in the arenas of employment and in-service training. Among other accomplishments, Liesener has acted as liaison for the Washington Metropolitan Projects with Industry which matches graduates with disabilities with job openings in major Washington-area companies.

Professional Writing Program to Hold Ninth Annual Awards Ceremony on May 14

The university's Professional Writing Program will hold its ninth annual writing contest awards ceremony on Tuesday, May 14 in room 1120 of Susquehanna Hall at 1:30 p.m. Some of Maryland's very best writers will be rewarded for their hard work in achieving excellence.

Winning students, faculty, parents, instructors, textbook publishers and community representatives are invited to participate in the event.

This year's winners were selected from 40 entries in the Advanced Composition and Technical Writing categories. Entries are judged by three different readers and rated based on specific criteria. The scores are tallied to determine the winners.

The program is sponsored by textbook publishers, community organizations and the department of Engineering. Cash awards range from \$125 for first place to \$25 for honorable mention in two categories. Winners also receive a framable certificate.

For further information, please contact Mary Jean Simpson or Rosalie Lynn at 405-3763.

Calendar of Events

May 9-June 18

Tuesday, May 7

Computational Science & Industrial Mathematics Seminar: "A Computational Science Case Study: Radio, Geometry, Optimization and Computer Science," Margaret Wright, 3:30 p.m., 3206 Math Bldg. 5-5048.

University Theatre: "Abducting Diana" by Dario Fo, adapted by Stephen Stenning, 8 p.m., Pugliese Theatre, Tawes, \$10, \$7 students and seniors. 5-2201 (V/TTY).*

Wednesday, May 8

Sounding the Humanities Discussion: of "Abducting Diana" with off-campus guest speaker, noon-12:50 p.m., 0154 Tawes. 5-2201.

Molecular & Cell Biology Program Spring 1996 Seminar Series: "Harvesting the Sun: Molecular Evolution of Two Unrelated Gene Families," Beverly Green, University of British Columbia, noon-1 p.m., 1208 Zoology-Psychology. 5-6991.

The Maryland Opera Studio Lecture: Martin Feinstein will speak about his experiences at the Kennedy Center, Washington Opera and Hurok Management, 3:30 p.m., Pugliese Theatre, Tawes. 5-5583.

Astronomy Department Colloquia: "A Renaissance in Celestial Mechanics," Joseph Burns, 4 p.m., 1113 Computer and Space Sciences Bldg. 5-0282.

Stress Management Peer Education Workshop: 5-6 p.m., 2101 University Health Center. 4-8140.

University Theatre: "Abducting Diana" by Dario Fo, adapted by Stephen Stenning, 8 p.m., Pugliese Theatre, Tawes, \$10, \$7 students and seniors. 5-2201 (V/TTY).*

Spring 1996 Student Prize Reading: the winners of the Katherine Anne Porter Fiction Prize and the Academy of American Poets Prize will read their work, 8 p.m., Grand Ballroom Lounge, Stamp Union. 5-3820.

Thursday, May 9

Institute for Systems Research Seminar: "Introduction to Real Time Optimization and Constrained Multivariable Control," Charlie Cutler, President, DMC Corporation, 9 a.m.-noon, 2168 A.V. Williams. 5-6634.

Numerical Analysis Seminar: "Non-reflecting Boundary Conditions," Marcus Grote, Courant Institute of Mathematical Sciences, 9:30 a.m., 3206 Math Bldg. 5-5108.

College Park Senate Meeting: 3:15 p.m., 0200 Skinner Bldg. 5-5805.

Department of Meteorology Seminar: Siegfried Schubert, Dtat Assimilation Office, Goddard Lab for Atmospheres, 3:30 p.m., 2114 Computer and Space Sciences Bldg. 5-5392.

Showcase of Videos by —ISM (n.) Students: 4:30-6:30 p.m., 2103 Art/Sociology Bldg, raffle prizes will be available, RSVP to 5-2838.

ENRE Seminar: Modeling of Stress Induces Hillock Formation in Aluminum Interconnects, Stuart Kurtz and Nicholas Rosen, Penn State University, 5:15-6:15 p.m., 1100 ITV Bldg. 5-3898.

University Theatre: "Abducting Diana" by Dario Fo, adapted by Stephen Stenning, 8 p.m., Pugliese Theatre, Tawes, \$10, \$7 students and seniors. 5-2201 (V/TTY).*

University of Maryland Symphony Orchestra: 8 p.m., Ulrich Recital Hall, Tawes, \$16, \$12 seniors, \$10 students. 5-1150.*

Friday, May 10

Lecture: "Inhabiting the Virtual City: The Design of Social Environments for On-line Communities," Judith Donath, MIT, 9:30 a.m., 2120 A. V. Williams. 5-0304.

Robert E. Fischell Industry-University Lecture Series: "The Role of the University in Science and Technology," Peter Eisenberger, director of Princeton Materials Institute and Princeton faculty member, 3-4 p.m., 1410 Physics Lecture Hall, Physics Building. A reception precedes in the Toll Room of the Physics Building from 2-3 p.m. 5-0007.

Wonder what the new Maryland Center for the Performing Arts will look like? Stop by the lobby of the Main Administration Building, where an architect's model is now on display. Slated for completion in 1999, the facility will house concert and recital halls, rehearsal rooms, studios, classrooms, faculty offices, an outdoor amphitheater and restaurant. Architects/planners for the project are Moore Ruble Yudell of Santa Monica, Calif., and Ayers/Saint/Gross of Baltimore.

Undergraduate Studies Employee Recognition Ceremony: 3-4:30 p.m., Garden, Rossborough Inn. 4-2777.

University Theatre: "Abducting Diana" by Dario Fo, adapted by Stephen Stenning, 8 p.m., Pugliese Theatre, Tawes, \$10, \$7 students and seniors. 5-2201 (V/TTY).*

Saturday, May 11

Faculty Development Conference: "The Use of Technology in the Foreign Language Classroom: Models, Resources and Training," 9 a.m.-3 p.m., Jimenez Hall. 5-4926.

University of Maryland Gospel Choir: 5 p.m., Colony Ballroom, Stamp Union. 5-5549.

University Theatre: "Abducting Diana" by Dario Fo, adapted by Stephen Stenning, 8 p.m., Pugliese Theatre, Tawes, \$10, \$7 students and seniors. 5-2201 (V/TTY).*

Artist Scholarship Benefit Series: Guarneri String Quartet performing works by Haydn, Janacek and Smetana, 8 p.m., Ulrich Recital Hall, \$16, \$12 for seniors and \$10 for students. 5-1150.*

Sunday, May 12

University of Maryland Chorale Annual "Pops" Concert: featuring music of the '50s and '60s, members of the chorale will perform solos, duets and dances, directed by Roger Folstrom, 8 p.m. Ulrich Recital Hall, Tawes Fine Arts Building. 5-1150.

Monday, May 13

College Park Senate Meeting: 3:15 p.m., 0200 Skinner Bldg. 5-5805.

Courtyard Jazz Concert: The School of Music will present the University of Maryland Jazz Ensemble and Jazz Lab Band, 5-7 p.m., North Loggia of Tawes Fine Arts Building. 5-5519.

Bowling and Billiards for a Buck: 5-10 p.m., Bowling \$1 per game, Billiards \$1 for 30 minutes, Recreation Center, Stamp Student Union. 4-DESK.*

Tuesday, May 14

Bowling and Billiards for a Buck: 5-10 p.m., Bowling \$1 per game, Billiards \$1 for 30 minutes, Recreation Center, Stamp Student Union. 4-DESK.*

Wednesday, May 15

Institute for Systems Research Seminar: "Linking PET Imaging in Humans to a Model of Neural Mechanisms of Grasping," Michael Arbib, Center for Neural Engineering, University of Southern California, 2-3 p.m., 2460 A.V. Williams Bldg. 5-6634.

Wonder what the new Maryland Center for the Performing Arts will look like? Stop by the lobby of the Main Administration Building, where an architect's model is now on display. Slated for completion in 1999, the facility will house concert and recital halls, rehearsal rooms, studios, classrooms, faculty offices, an outdoor amphitheater and restaurant. Architects/planners for the project are Moore Ruble Yudell of Santa Monica, Calif., and Ayers/Saint/Gross of Baltimore.

Stress Management Peer Education Workshop: 5-6 p.m., 2101 University Health Center. 4-8140.

Bowling and Billiards for a Buck: 5-10 p.m., Bowling \$1 per game, Billiards \$1 for 30 minutes, Recreation Center, Stamp Student Union. 4-DESK.*

Thursday, May 16

Reception: To celebrate "Going to Plan B," by Nancy Schlossberg, 3:30-5:30 p.m., Rossborough Inn. 5-2858.

Department of Meteorology Seminar: "Seasonal Mean Climate Anomalies Over the PNA Region During Winter and Summer," Mingfang Ting, University of Illinois, 3:30 p.m., 2114 Computer and Space Sciences Bldg. 5-5392.

Memorial Service: Tree planting in memory of Sam Schoenbaum, 4 p.m. location to be announced. Contact Susan Jensen, 5-6830.

Bowling and Billiards for a Buck: 5-10 p.m., Bowling \$1 per game, Billiards \$1 for 30 minutes, Recreation Center, Stamp Student Union. 4-DESK.*

Friday, May 17

Bowling and Billiards for a Buck: 5-10 p.m., Bowling \$1 per game, Billiards \$1 for 30 minutes, Recreation Center, Stamp Student Union. 4-DESK.*

Sunday, May 19

Goff Family Memorial Run: 8 a.m., Montgomery Mall, Bethesda, \$25 entry fee. 369-1603.*

Monday, May 20-Friday, May 24

Bowling and Billiards for a Buck: 5-10 p.m., Monday-Friday, Bowling \$1 per game, Billiards \$1 for 30 minutes, Recreation Center, Stamp Student Union. 4-DESK.*

Saturday, May 25

Numerical Analysis Seminar: "Multiscale Solvers for Nonlinear Electrostatics," Faisal Saied, University of Illinois Urbana Champaign, 9:30 a.m., 3206 Math Bldg. 5-5108.

Monday, May 27

Bowling and Billiards for a Buck: 5-10 p.m., Bowling \$1 per game, Billiards \$1 for 30 minutes, Recreation Center, Stamp Student Union. 4-DESK.*

Tuesday, May 28

Bowling and Billiards for a Buck: 5-10 p.m., Bowling \$1 per game, Billiards \$1 for 30 minutes, Recreation Center, Stamp Student Union. 4-DESK.*

Wednesday, May 29

Bowling and Billiards for a Buck: 5-10 p.m., Bowling \$1 per game, Billiards \$1 for 30 minutes, Recreation Center, Stamp Student Union. 4-DESK.*

Thursday, May 30

Parents Association Gallery Exhibit: "Still Life Paintings," featuring the works of Ianthe Gergel and Jake Muirhead, through July 10, gallery hours, Stamp Student Union. 4-8493.

Bowling and Billiards for a Buck: 5-10 p.m., Bowling \$1 per game, Billiards \$1 for 30 minutes, Recreation Center, Stamp Student Union. 4-DESK.*

Friday, May 31

Bowling and Billiards for a Buck: 5-10 p.m., Bowling \$1 per game, Billiards \$1 for 30 minutes, Recreation Center, Stamp Student Union. 4-DESK.*

Monday, June 3

JCESS in the Dept. of Meteorology Seminar: "Coupled Ocean-Atmosphere-Land Interaction," Max Suarez, 3:30 p.m., 2114 Computer and Space Sciences Bldg. 5-5392.

Tuesday, June 4

Tuesday, June 18

Bowling and Billiards for a Buck: 5-10 p.m., Monday-Friday, Bowling \$1 per game, Billiards \$1 for 30 minutes, Recreation Center, Stamp Student Union. 4-DESK.*

Calendar Guide

Calendar phone numbers listed as 4-xxxx or 5-xxxx stand for the prefix 314- or 405- respectively. Events are free and open to the public unless noted by an asterisk (*)

In the absence of a calendar editor, all calendar information for Outlook is downloaded directly from inforM's master calendar, located on the Internet. The editors regret that we are unable to accept calendar items at the Outlook office. However, submissions to inforM can be made by e-mail to: calendar@umail.umd.edu or by mailing the information to the inforM office at 2107 Stamp Student Union. To reach the inforM calendar editors by phone, call 405-0825.

Please note that the inforM calendar editors do not work for Outlook. They do, however, graciously welcome items for submission and input the information, ensuring a comprehensive calendar for both inforM and Outlook.

For Your Interest

Women Leaders to Gather

The 12th Annual National Conference for College Women Student Leaders titled, "Women Leading: Today and Tomorrow," will take place at Georgetown University June 6 to 8. The Committee on Undergraduate Women's Leadership of the President's Commission on Women's Issues encourages women to attend this event to look at critical issues they face.

Sessions during the conference will cover topics such as careers, diversity and politics. The advance registration deadline is May 17; after this date, the registration fee of \$295 will go up to \$345. The fee includes meals and housing. For more information, call The National Association for Women in Education at (202) 659-9330, or e-mail them at nawe@clark.net.

Humans/Computers Meet

The Human-Computer Interaction Laboratory (HCIL) of the University's Center for Automation Research will hold its 13th Annual Symposium & Open House on Friday, June 7, from 9 a.m. to 5 p.m. at Tyser Auditorium, 1212 Van Munching Hall. Sign-in will be in Van Munching at 8:30 a.m.

The 13-year-old HCIL is an interdisciplinary effort within the Center for Automation Research. The main participants are faculty, students and staff from the departments of computer science and psychology, the College of Library and Information, and the Institute for System Research at the university. Additional cooperation with the University of Maryland Institute for Advanced Computer Studies (UMIACS) and Computer Science Center (CSC) also benefits the program.

Foreign Classroom Tech

The Language Center will sponsor "The Use of Technology in the Foreign Language Classroom: Models, Resources and Training," a system-wide conference on the use of foreign language technology in the college classroom.

This conference, funded by the University of Maryland System Faculty Development Fund, the College of Arts and Humanities and the Language Center, will feature keynote speaker James Noblitt from the Institute for Academic Technology (IAT) at the University of North Carolina, Chapel Hill.

Conference highlights will include showings and demonstrations by UMS faculty on the integration of technology in the foreign language curriculum. Training sessions featuring the internet and software for foreign language writing will also be open to conference participants.

If you would like to attend or want more information, call Chris Higgins at 405-4926, or e-mail at chiggins@deans.umd.edu.

Ag Engineering Renamed

The agricultural engineering department is now officially the department of biological resources engineering. This department is home to the three undergraduate programs of biological resources engineering, natural resources management and general agricultural sciences. The graduate program of biological resources engineering is also part of this department.

All department telephone numbers and e-mail addresses will remain the same. Please enter the new name in appropriate address files.

CUSS Opening Announced

Two vacancies are available for nomination and election to the Council of University System Staff. The council consists of staff representatives from each of the UMS campuses. It is charged with advising Chancellor Langenberg and the Board of Regents on issues such as compensation plans, performance evaluation, benefits for contractual employees and almost all other non-faculty issues.

A member's time commitment would consist of attending a system-wide meeting one day a month. These meetings rotate among system campuses. Any additional subcommittee work is conducted locally or by telephone and/or electronic mail.

College Park has four elected delegates. Each delegate serves a two-year term. Any exempt staff member can be nominated or nominate himself or herself for the Exempt Staff vacancy. Clerical Staff can be nominated for that vacancy.

Send nominations with a brief personal statement to Larry Lauer, Office of the Dean for Undergraduate Studies, 2130 Mitchell Building, no later than Friday, May 10.

National Tap Day

The Afro-American Historical Society will host a celebration of National Tap Dance Day Tuesday, May 14. The program will feature a lecture by Carol Vaughn, executive director of the Tap America Project and tap performances by stage and film legend Smoky Stevens and a 6-year old prodigy, Cartier Williams.

The event will take place at noon in the auditorium at the National Archives at College Park. For more information, call 713-6625.

Women in Higher Ed

The Maryland chapter of the American Council on Education/National Identification Program will hold its annual spring conference titled, "Moving Ahead: Maryland Women in Higher Education," on Friday, June 14 at the Stamp Student Union from 8:30 a.m. to 4 p.m. The event is being co-sponsored by the university. The registration fee, which includes luncheon and parking, is \$49.

For more information contact Linda Gast, director of the Career Center, at 314-7234.

Service to Schools Award

All are invited to attend the presentation of the Presidential Award for Outstanding Service to the Schools Tuesday, May 14, in the Chesapeake Room of the Inn and Conference Center at the University of Maryland University College from 11 a.m. to 12:30 p.m.

Pres. William E. Kirwan will present the awards, and a reception will follow the ceremony. Parking will be provided in garage adjacent to the conference center.

African Americans in Higher Ed Conference

African Americans in Higher Education will hold its ninth annual conference titled, "Shaping Our Own Destiny: Beyond the Contract With America," at the Greenbelt Marriott in Greenbelt from May 30 to 31.

The purpose of this conference is to give support to African-American faculty and staff particularly in light of economic, educational and political changes, as well as to discuss issues affecting African Americans in higher education.

The event is sponsored by the Black Faculty & Staff Association of the university. For registration, contact Shannon Gundy at 314-8371 or e-mail sgundy@deans.umd.edu.

Journalism Humphrey Fellows Need Hosts

The Hubert H. Humphrey Fellowship program in the College of Journalism seeks hosts for 12 foreign journalists who will arrive in College Park August 10. Hosts are asked to meet the journalist at the airport, provide accommodations and meals for one or two nights (depending on flight schedules) and then take the visitor to the university. Additionally, the Humphrey program seeks volunteers to assist during the journalists' orientation.

For more information, call Meg McCully at 405-2513.

Searchers Anniversary Celebration/Conference

The department of history will sponsor a conference celebrating the 40th anniversary of the release of John Ford's epic western film "The Searchers," on May 10.

The conference will be held in 1117 F. Scott Key Hall with a showing of a restored technicolor print of the film at 10 a.m.

Starting at 1 p.m., there will be a series of four papers on various aspects of the film: its relation to the historical reality of captivity on the southwestern frontier; on the western hero and violence; on the depiction of gender relations in the film; and on

the roots of racism as depicted in the film.

"The Searchers" was rated one of the ten greatest films ever made in a poll of film critics in 1982. It is a physically beautiful and psychologically disturbing vision of American frontier history. The department of history invites all to attend.

Summer at Gymkana

The Gymkana Summer Camp, where boys and girls can learn gymnastics in a healthy, drug-free setting, will be held at the university in June and July. One of the goals of the camp is to show kids that they can say "no to drugs" through sports and activities.

Three five-day sessions will take place in June and July, and the camp will run daily from 9 a.m. to 4 p.m. The exact location will be 1120 (Apparatus Gym) HLHP Building on Valley Drive.

Registration forms and fees are due June 7. Hearing-impaired children must register by May 20, however, in order to make arrangements to accommodate their special needs. For more information contact Joseph Murray at 405-2566.

Time to Nominate Special Clerical/Secretarial Staff

Each year, the President's Commission on Women's Affairs recognizes the outstanding achievements of clerical and secretarial staff. Any member of the campus community may nominate a staff member. Nominations are due June 3 at the Information Desk of the Stamp Student Union, Attention: Donna Scarbrough. To obtain a form call Scarbrough at 314-8478 or Judy Wood at 314-8304.

The award will be presented at the Professional Concepts Exchange Conference Luncheon on June 21.

Feinstein to Lecture

On May 8, Martin Feinstein will give a lecture on his years in the field of arts management, including his time as vice president of Sol Hurok Concerts, Inc., executive director of The John F. Kennedy Center for the Performing Arts, and general director of the Washington Opera.

The lecture will take place at 3:30 p.m. in the Pugliese Theatre of the Tawes Fine Arts Building. A reception will follow the lecture.

String Time

The Artist Scholarship Benefit Series of the School of Music will present the Guarneri String Quartet on Saturday, May 11 at 8 p.m. in the Ulrich Recital Hall of Tawes Fine Arts Building. Tickets are \$16, \$12 for seniors and \$10 for students. For tickets and information, call 405-1150.

Spring Commencement 1996

Spring Commencement Ceremony

continued from page 1

the students grand procession will be announced. There will be a fanfare and the students will enter by college and also be seated on the main floor.

Caro Mercado, assistant director of Orientation, is thrilled about the First Lady's speech. "She is an outstanding female role model and will have very pertinent remarks to share with the graduating class," says Mercado, who is working the ceremony as an usher and hopes to meet the First Lady.

The First Lady will speak at the main commencement and also receive an honorary Doctorate of Public Service. Throughout her career, she has proven her commitment to children, family, health and education as a lawyer, mother and First Lady.

Senior journalism major, Matt Graves, says he hopes she speaks about, "being a strong woman who is attacked for her strength."

Robert Fischell, president and chairperson of IsoStent, Inc., and Yuan Tseh Lee, president of Academia Sinica in Taipei, will each receive an honorary Doctorate of Science. Also, honored with the President's Distinguished Alumnus Award is former Ambassador Joseph Gildenhorn.

Robert Fischell to Receive Honorary Doctor of Science Degree

Robert Fischell's bright path across the universe of space technology, engineering, innovation and biomedical inventions would put a comet to shame. This student of engineering and physics, whose 36-year career at the Johns Hopkins Applied Physics Laboratory was the launching pad for 53 U.S. patents in both aerospace and biomedical technology, is a truly remarkable scientist and inventor.

Fischell's first major invention was an implantable, programmable artificial insulin pancreas for persons with diabetes. The device controls blood sugar with only three or four insulin infusions each year, instead of the one to two injections each day required by traditional therapies. In a nine-year trial by the National Institutes of Health, the artificial pancreas has dramatically reduced complications of diabetes, including blindness and other vascular and nerve disorders.

In 1984, Fischell was honored as "U.S. Inventor of the Year" by the U.S. Senate. Well before that, he had been recognized in three different years by Industrial Research magazine for creating one of the 100 most significant inventions of the year. NASA honored him with an Exceptional Engineering award in 1980 and an Individual Achievement award in 1982. In 1987, the New York Academy of Sciences presented him with the Gold Medal for Contribution to Aerospace Science and Technology, and in 1988, he was inducted into the Space Technology Hall of Fame.

Fischell's recent innovations include a medical device that assists in procedures like balloon angioplasty, providing better access to coronary arteries and relieving much of the post-procedure pain. He has also created a radioisotope stent, a small wire mesh cylinder that is implanted into arteries after surgery to prevent them from closing up, that promises to improve post-operative recovery for millions of patients and to replace many heart by-pass surgeries with a simple, non-surgical procedure.

This outstanding alumnus of the university (M.S. physics, 1953) has generously provided the means to establish the Robert Fischell Industry-University Lecture Series in the College of Computer, Mathematical and Physical Science, to further the ties between university research and the needs of society.

Before the ceremony, the faculty and associate staff processional will assemble in academic regalia in the Small Gym, Room G0108 at 8:45 a.m. Faculty and associate staff who wish to process will not need a ticket but must enter Cole Student Activities Building by the tunnel entrance.

Tickets for faculty and associate staff not processing are available from the Diploma Office in 1101 Mitchell Building on a first come basis between May 8-12.

Free Shuttle buses will run all day from the parking lots to all the graduation sites across campus. Paratransit services will be available for students with disabilities, family members with disabilities and elderly guests. Advance reservations are encouraged for this service.

The majority of undergraduate students will graduate from criminology and Criminal Justice (195), Government and Politics (184), Accounting (157), Psychology (143) and Journalism (120).

The most popular masters degrees are business administration (136), counseling and personnel services (72), and civil engineering (60).

—KATIE CASEY



Robert Fischell

Hillary Rodham Clinton to Receive Honorary Doctor of Public Service Degree This Spring

In the past year, Hillary Rodham Clinton has represented the United States as First Lady in appearances across the country and throughout the world. She has published a national best-seller, visited U.S. peacekeeping troops in the Balkans, testified before the Whitewater Commission, celebrated her daughter's 16th birthday, campaigned for the re-election of her husband and appeared on "Oprah." She is without question one of the most well-known, and one of the most active, women in our country.

She is also a woman who speaks clearly and eloquently on the subjects that have shaped her career as a lawyer and First Lady: children, family, health, education, equality of opportunity and the responsibility of politics to respond to these issues. Hillary Rodham sounded a prophetic note as valedictorian at her own commencement from Wellesley College in 1969: "...for too long our leaders have used politics as the art of the possible...The challenge now is to practice politics as the art of making what appears to be impossible, possible."

She was born Hillary Diane Rodham in Chicago on Oct. 26, 1947, the eldest child in a close-knit Methodist family. She was a National Merit Scholar and president of the Wellesley College Government Association, graduating with high honors. At Yale Law School, she developed her strong concern for protecting the interests of children and their families, and met Bill Clinton, a fellow student.

After graduating from Yale, she served as staff attorney for the Children's Defense Fund and also worked on the Watergate impeachment proceedings before "following her heart to Arkansas" where she and Bill were married in 1975.

As First Lady of Arkansas for 12 years, Clinton founded the Arkansas Advocates for Children and Families, and introduced a pioneering program in home instruction for preschool youth. She was named Arkansas Woman of the Year in 1983 and Arkansas Mother of the Year in 1984.

During the first two years of her husband's presidency, Clinton embraced the enormous challenge of heading his Task Force on National Health Care Reform, a true attempt at making "what appears to be impossible, possible." That effort was part of what she considers her public responsibilities as First Lady, a role she works hard to balance with her own career and family. Her new book, "It Takes a Village," is both touching and provocative in its dedication to these ideals.

Clinton has transformed the domestic policy debate in this country with her words, but even more, with her actions. In her role as First Lady she exemplifies the courage, conviction and concern of a true leader.

Student Speaker Supriya Combined Love of Science and Humanities

Student speaker Supriya Goyal returns from her semester in London four days before graduation. After spending her 21st birthday in Paris, and visiting 10 countries, she will recover from jet-lag just in time to speak to her fellow graduates in College Park.

A philosophy and biology major, Goyal chose the University of Maryland for its location in the Baltimore-Washington area and its overwhelming diversity. In her time as a student here she has benefitted and contributed to the diverse elements of campus as an active participant in many campus activities.

"I think many would probably consider [Goyal] the ideal College Park graduate," says student Shamim Sinnar. "She's taken advantage of everything College Park has to offer, both intellectually and extra-curricular wise, and succeeded."

After graduation, the Laurel, Md., native plans to attend Johns Hopkins University School of Medicine and become a doctor. As a doctor she sees herself getting to know her patients on a personal level and focusing on the human aspect of medicine. It was during her junior year that she decided medicine was the perfect profession to

combine her love for science and the humanities.

Despite the difficulties of balancing her many interests, finding time to study and spending time with friends, Goyal has had a successful and active college career. She worked on a research project studying under Stephen Wolniak, acting chair of the department of plant biology, after receiving a fellowship from the Howard Hughes Medical Institute.

Along with her studies and research, she also served as contributing editor for the literary magazine, a staff writer for the "Diamondback," a production assistant at WMUC, a First-Aider in the computer labs, on the Central Judicial Board, and on the Campus Senate.

Goyal also taught a section of Honors 100, an introductory course for freshmen honor students. This opportunity to directly influence her class of 15 students is one of her most rewarding experiences on campus. Goyal says that she is proud to see several of her former students go on to become campus leaders themselves. "Nurturing leadership and involvement is the key to keeping UMCP the vibrant place that it is," she says.

1996 President's Distinguished Alumnus Award Goes to Joseph Gildenhorn '51

Joe Gildenhorn took his University of Maryland degree in Business Administration ('51) to Yale Law School ('54), and has been mixing law and business to his advantage ever since. A lifetime of successful practice, civic responsibility and service to his country places former Ambassador Gildenhorn in the most distinguished ranks of College Park alumni.

His career typifies a man with close ties to his family and community. With high school friends, Gildenhorn helped found a law practice in Washington, D.C. in 1959, specializing in corporate law and real estate. In the late '60s, he and his law partners formed a real estate firm, The JBG Companies, which has developed and managed many of the most important office buildings and hotels in the nation's capital. JBG has grown to offer comprehensive real estate development, property manage-

ment, consulting and investment services. Their management portfolio encompasses more than 8 million square feet of commercial property as well as 3,000 residential apartments.

JBG developments include the Four Seasons Hotel in Georgetown and the Holiday Inn in Old Town Alexandria. Recently the firm purchased an office building in the well-known Watergate complex.

Gildenhorn serves as chair of the Franklin National Bank in Washington, D.C., and is on the board of several public corporations, including the Mills Corp. and Biscayne Apparel, Inc. He has recently been appointed vice-chair of the D.C. Sports Commission.

Staying close to his roots in the greater Washington area, Gildenhorn has been active in civic and charitable organizations in the Jewish community for many years. He has held leadership positions with the

Hebrew Home of Greater Washington, the United Jewish Appeal Federation of Greater Washington and is currently a trustee of the United Jewish Endowment Fund. Gildenhorn's contributions have been recognized with the David Ben Gurion Award from the State of Israel, the Humanitarian Award from B'nai B'rith and the Leadership Award from the Jewish Institute of National Security Affairs, among others.

In 1989, President George Bush named Gildenhorn to the post of Ambassador to Switzerland, where he served for four years during some of the major historical events of our century, including the dissolution of the Soviet Union and our country's successful role in the Gulf war. He and his wife, Alma, a 1953 graduate of the College of Education, live in Washington, D.C., and are actively involved in the business, cultural and civic life of the area.

Honorary Doctorate of Science to be Awarded to Yuan Tseh Lee

Yuan Tseh Lee, president of Academia Sinica in Taipei and Nobel laureate, has led a distinguished career in research and science education.

A native of Hsinchu, Taiwan, Lee received his education at National Taiwan University and National Tsinghua University, before coming to this country to study at the University of California, Berkeley. After earning his doctorate, Lee spent six years at the University of Chicago's James Franck Institute before returning to Berkeley as a full professor of chemistry in 1974.

A member of the American Academy of Arts and Sciences, Lee shared the Nobel Prize for Chemistry in 1986 with colleague Dudley Herschbach and Canadian John Polanyi for work in dynamics of elementary chemical reactions.

Currently, Lee is researching molecular structure and dynamics uses, crossed molecular beams and advanced laser technology to explore molecular reactions involved in combustion chem-

istry and atmospheric chemistry.

Lee recently returned to Taiwan to become president of Academia Sinica, the most prestigious research organization in that country. He has initiated several important projects in science education and has been a key leader in Taiwan's major education reform.

The Academia Sinica shares close ties with the university in many important areas of research, from statistics to physics, archaeology and languages. A new Institute of Astrophysics will join the Berkeley-Illinois-Maryland Array projects in millimeter wave astronomy, reinforcing an international circle of influence for Lee and the university.

In addition to his contributions to scientific research and discovery, Lee is known by colleagues as a man with a deep sense of social responsibility and international concerns. He has been active in promoting international scientific exchanges and cooperation between Taiwan and mainland China.



Commencement Schedule

The campus-wide commencement ceremony will begin at 9:30 a.m. in Cole Student Activities Building and will last approximately one-and-one-half hours. Following the commencement, faculty and staff are encouraged to come by at anytime to greet students and their guests at the campus-wide reception from 11 a.m. to 3 p.m. on McKeldin Mall. The rain location will be in the Grand Ballroom of the Stamp Student Union.

Listed below are the individual graduation exercises for colleges and schools which will be held at several campus locations.

Wednesday, May 22

Life Sciences

7:30 p.m., Tawes Theatre

Thursday, May 23

Agriculture

Noon, Memorial Chapel

Architecture

Noon, Architecture Gallery

Arts and Humanities

All ceremonies at Noon:

American Studies/Women's Studies

Skinner Bldg., Room 0200

Art History

Art-Sociology Bldg., Room 2309

Art Studio/Design

Art-Sociology Bldg., Room 2203

All Foreign Languages/Classics/Linguistics

Tydings Bldg., Room 0130

Dance/Public Communication/

RTVF/Speech/Theatre

Tawes Theatre

History/Jewish Studies/

Russian Area Studies Program

Physics Bldg., Room 1410

Music

Tawes Recital Hall, Room 1125

Philosophy

Marie Mount Hall, Room 1400

Behavioral and Social Sciences

Noon, Cole Student Activities Bldg.

Education

Noon, Reckord Armory

Health and Human Performance

Noon, HLHP Bldg., Room 2240

Library and Information Services

Noon, Zoology-Psychology Bldg., Room 1240

School of Public Affairs

Noon, Van Munching Hall, Tyser Auditorium

Undergraduate Studies

Noon, Anne Arundel Hall,
University Honors Program Lounge

A. James Clark School of Engineering

2:30 p.m., Reckord Armory

Arts and Humanities

2:30 p.m., English/Comparative Literature Tawes Theatre

Business and Management

2:30 p.m., Cole Student Activities Bldg.

Computer, Mathematical and Physical Sciences

2:30 p.m., Memorial Chapel

Journalism

5 p.m., Tawes Theatre

Public Affairs Lecturer Steve Crawford Runs for Congress

Knowing that a member of the faculty is running for office makes the November election a little more exciting.

Public affairs lecturer Stephen Crawford is the Democratic candidate for the sixth congressional seat in Maryland. His opponent is incumbent Republican Roscoe Bartlett.

Crawford, who describes himself as "a fiscally conservative and otherwise moderate Democrat," defeated three other candidates in the March 5th Democratic primary and garnered 54 percent of the vote.

Having run in the 1994 sixth district race, Crawford says the current race is so much different than it was in 1994 because people are taking him seriously this time.

"We are moderates and try not to make symbolic statements," he says. "I'm not satisfied that we're addressing the real problems, and I think that is particularly true of the representative from this district."

There is enormous dissatisfaction in the sixth district regarding the Republican Congress, Crawford says. People are tired of stagnant wages and what he describes as Congress' assaults on Medicare, the environment and education.

He is for a balanced budget and he does favor a balanced budget amendment, but Crawford believes that the government should not place the burden primarily on the "backs of senior citizens" or education.

He supports abortion rights, particularly how the Supreme Court case *Roe v. Wade* has set the parameters for the issue. However, he does favor legislation banning the third trimester abortions widely known as "partial birth abortions," but only if they are performed for reasons other than to save the life of the mother.

In terms of gun control, he says we should concentrate on enforcing the present gun laws, which include the Brady Bill, which puts a five-day waiting period on the purchase of a handgun, and the assault weapons ban. He also thinks there

should be extremely tough penalties for crimes committed with a gun.

The Vietnam veteran and former Army Reserves Green Beret says that direct mailing has the best effect among the traditional ways of campaigning that he uses. Regarding campaign coverage in the media, newspapers are a good source

of free coverage, but his campaign does not use Baltimore and Washington television stations to get his message across.

Joe Bartlett, Rep. Bartlett's son and campaign manager, says the congressman takes every challenger seriously, including Crawford. At the moment, most of Bartlett's activity has been devoted to his legislative duties. He has not used any specific methods in running against Crawford in particular and his campaign is in the process of raising money and building grassroots support, his son says.

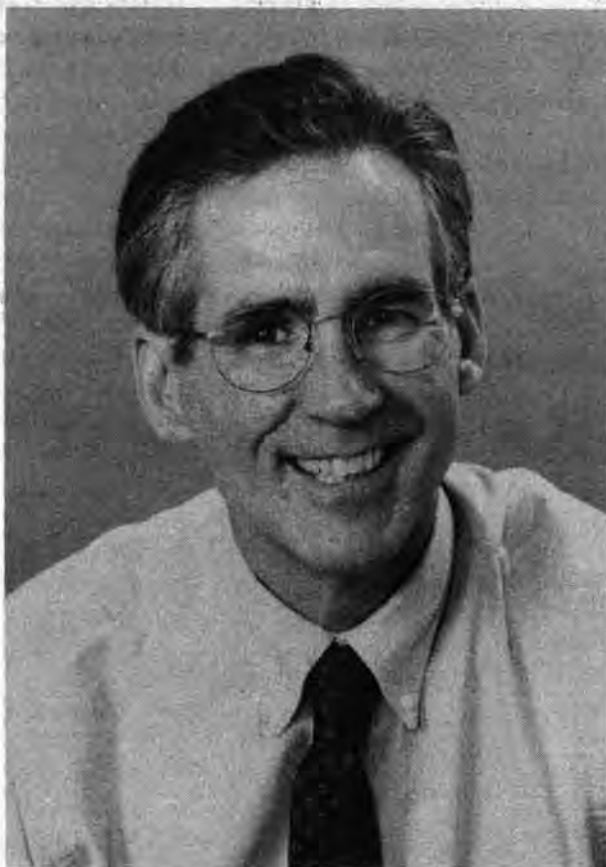
Crawford has been endorsed by the AFL-CIO and other labor unions, the Howard County African American Association and the Maryland State Teacher's Association, as well as Maryland House of Delegates Speaker Casper Taylor Jr.

Apart from the military and a summer internship he had in 1968 with the Joint Economic

Committee in Congress, Crawford has never worked for the government before, but runs a small-scale consulting practice which has held subcontracts with the university for projects involving army research.

When asked how he would be running against Bartlett, he had one word to say: "Hard."

—LOREN GOLOSKI



Stephen Crawford

Casey Journalism Center Awards 1996 Fellowships

Thirty-one print and broadcast journalists have been chosen to receive fellowships from the Casey Journalism Center for Children and Families to participate in an intensive week-long seminar on "Rewriting the Social Contract: Are Families Better Off?"

The Casey Journalism Center's fourth annual conference on June 2-7 will feature discussions with a range of experts on the shift of social welfare programs from the federal government to the states.

A major focus will be learning about efforts to monitor the effects of welfare reform on children and families. There will also be panels on models of journalism from around the country.

Fellowships are awarded annually for conferences which explore emerging issues about children and families.

The Casey Journalism Center, which serves as a national resource for journalists who cover children and family issues, is funded by the Annie E. Casey Foundation, the nation's largest philanthropy dedicated exclusively to disadvantaged children.

The Center also administers an annual journalism awards program, assists journalists by providing information about programs and trends affecting children and monitors coverage in the field.

Groundwater Chemistry and Hydrology Program Gets its Feet Wet

Now into their second semester, trainees in the university's new groundwater chemistry and hydrology program get the chance to cross the boundaries of their department in an innovative interdisciplinary program.

Melanie Rock, a graduate student in chemistry, heard about the university's new groundwater chemistry and hydrology program from its director, George Helz. Rock is a returning student who is so interested in environmental chemistry that she likes to drag her kids to water treatment plants during family vacations. She saw this as an opportunity to work with the different departments and look at the issues of groundwater from different perspectives.

Rock joins two geology graduate students, Ted Hegnauer and Jonathan Angier, as the first in this new and small program which is attempting to use interdisciplinary training and cross-departmental interactions to focus on finding new ways of solving groundwater problems. The doctoral program began last Fall and a couple of more students will be starting this September says Helz.

The students are chosen from the most outstanding applicants to the university, Helz says. They must be interested in science, engineering and waste remediation problems.

Throughout the United States, groundwater is the dominant source of water. The lack of alternative supplies increases the importance of groundwater, which is water beneath the earth's surface, often between saturated soil and rock, that supplies wells and springs.

With the growing demand and agricultural chemicals threatening to pollute the groundwater quality, many sources of water are at risk. Cleaning up groundwater supplies using current technology will cost in the range of \$80-100 billion. Thus, there is a need for new scientists and engineers to find creative and inexpensive approaches to solving the groundwater problems, says Helz.

In response, 12 faculty members from agricultural engineering, agronomy, civil engineering, chemistry and geology at the university joined together to offer graduate training in groundwater chemistry and hydrology.

Led by Helz, professor of chemistry and director of the Water Resources Research Center, the program was started with a traineeship grant from the National Science Foundation.

The participating faculty includes: Allen P. Davis, associate professor of civil engineering; Bruce R. James, associate professor of agronomy; Eirik Krogstad, assistant professor of geology; William L. Magette, associate professor and assistant to the dean of agricultural engineering; Alice C. Mignerey, professor of chemistry and

biochemistry; John Ondoy, associate professor of chemistry and biochemistry; Karen L. Prestegard, associate professor of geology; Martin C. Rabenhorst, professor of agronomy; Adel Shirmohammadi, associate professor of agricultural engineering; Alba Torrents, assistant professor of civil engineering and Richard Walker, associate professor of geology.

The program prepares the students with new ways of looking at the groundwater problems emphasizing the integration of pure scientific research with applied science and engineering research.

Each student chooses a home department in which one of the participating faculty resides. In addition to meeting departmental requirements, trainees participate in two core courses and in a groundwater chemistry and hydrology seminar offered each semester.

Each student has a different approach to solving these problems, says Helz. Being able to take more courses outside of the geology department and working with different faculty is what Hegnauer says he likes about the interdisciplinary program.

"I'm getting a broader exposure than if I came in as a chemistry [major]," says Rock. As a result of the program, Rock says her research will include field studies, as well as lab studies, which is unusual in chemistry research.

Last semester, the program's seminar focused on pesticides in groundwater and this semester they are learning about isotope geology, says Rock and Hegnauer. Students also participate in field trips organized by the program. Last semester, students went to Aberdeen, Md., to look at ground water pollution problems caused by by-products of chemical warfare and their state-of-the-art treatment system, says Helz. People can back from the trip excited about solving problems, he says.

"It's a fabulous opportunity with a lot of latitude in what you want to do," says Rock, "I may not have pursued my Ph.D. in this if I had not been in the program."

—KATIE CASEY

"It's a fabulous opportunity with a lot of latitude in what you want to do. I may not have pursued my Ph.D. in this if I had not been in the program."

—Melanie Rock

IBM-SUR Grant Brings State-of-the-Art Network Capabilities, Computer Research

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involved include department of computer science, the Computer Science Center, geography, Institute for Physical Sciences and Technology (IPST), the Institute for Systems Research (ISR) and physics.

The technology being applied is Asynchronous Transfer Mode (ATM) switching. This technology is widely regarded as the underlying transport mechanism for both private enterprise networks (such as the campus) and for public carrier broadband ISDN networks. ATM networks (not to be confused with the automated banking machines) are digital networks that can carry hundreds of thousands of voice, video or data connections simultaneously.

The ATRIUM project will be built using OC3c fiber connections, each of which will transmit 155 million bits per second. To give some comparison to current technology, existing ethernet LANs run at 10 megabits/second, of which each user gets only a small, unpredictable portion. One OC3 (155 mb/s) line can carry the equivalent of 20 full motion video streams, or about 2000 phone calls. This is 50 to 100 times more data than conventional ethernet. And ATM speeds are expected to increase to over a gigabit/second per link by the year 2000.

IBM has provided seven ATM switches to build the initial ATRIUM campus backbone and to connect five labs in four different buildings. In addition, almost 50 work station adaptors have been supplied for the initial set of client hosts. Additional funds used in support of this project have come through NSF to UMIACS, and through campus resources.

"The IBM-SUR program has enabled us to establish a high-speed multimedia networking infrastructure that is at the forefront of emerging communications technology," Ja' Ja' says.

•Multimedia and Mobile Computing (principle investigator—Satish Tripathi, Computer Science). This project examines various networking and operating systems issues arising in wireless environments, as well as modeling and performance of multimedia data transmission over networks with wireless components.

An experimental facility which includes IBM PCs, work stations, laptops, radio frequency and infrared wireless communication cards has been set up in UMIACS/CS Multimedia and Mobile Computing Lab to support this project.

Tripathi says there has been a joint collaboration between Multimedia and Mobile Computing and IBM in terms of shared knowledge and equipment. "The exchange of ideas has been really good," he says. Two of Tripathi's Ph.D. graduates now work for IBM in similar projects.

•Natural Language Processing (principle investigators—Bonnie Dorr, Computer Science & UMIACS;

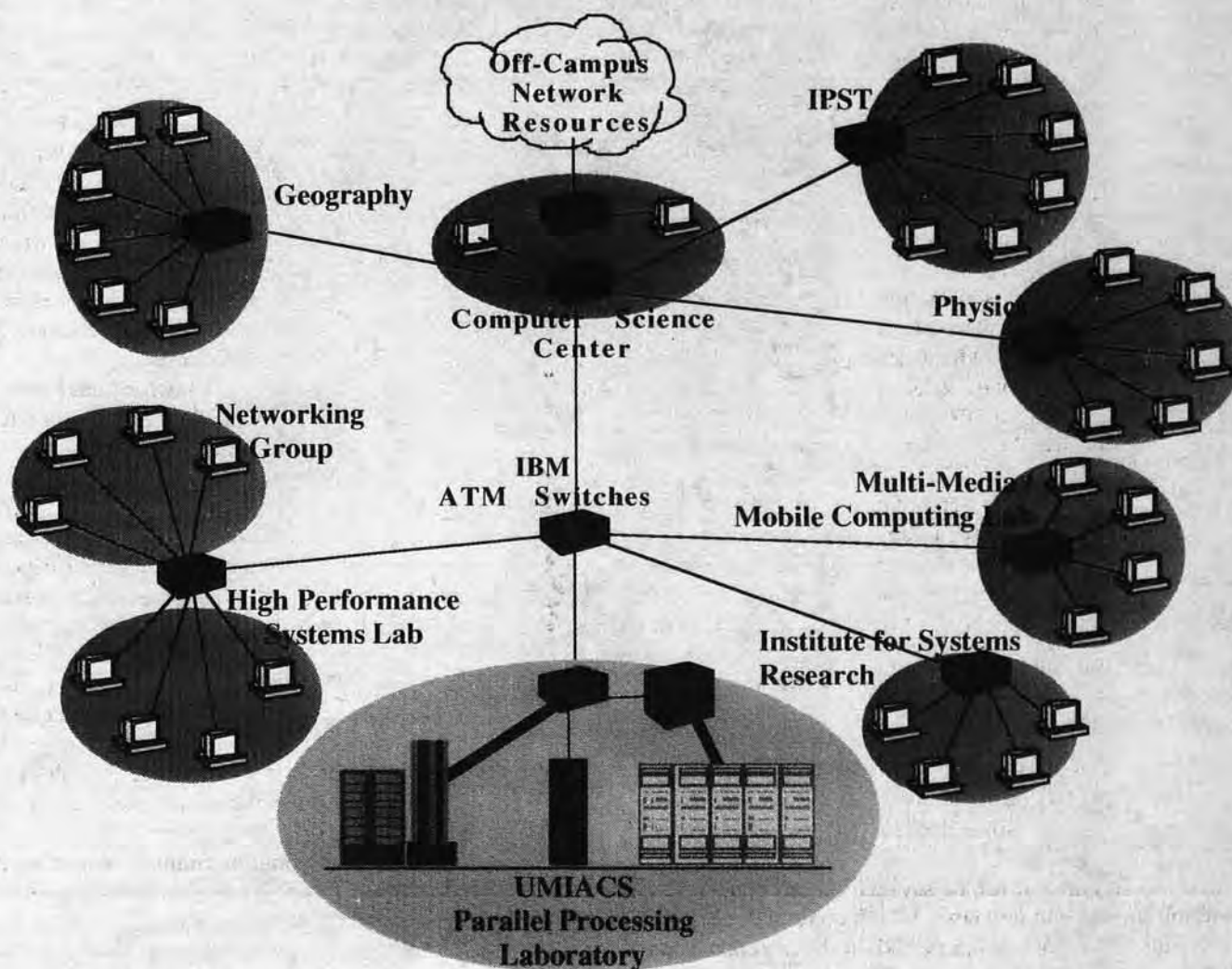
Amy Weinberg, Linguistics and UMIACS). This project involves the development of machine translation systems, psycholinguistic modeling, language tutoring, and automatic construction of "principle-based parsers."

A number of IBM Power PC-based work stations were acquired for UMIACS' Computational Linguistics and Information Processing laboratory through this

network of six IBM work stations with a high-end server to support experimental work on this project.

•Context-Based Recognition (principle investigator—John Aloimonos Computer Sciences, UMIACS & CFAR). This research attempts to enable computers to discern a particular object existing in a database of images. The technology will assist physicians in identifying tumor growth within a series of medical images.

The ATRIUM* Project



* Advanced Telecommunications Research Infrastructure at the University of Maryland

year's SUR award.

By using the equipment and expertise donated by IBM, the members of this project will be able to develop their language tutoring programs to allow for actual voice input into the computer program instead of just typed text, Weinberg says. She says IBM is one of the leaders in speech understanding technology.

•Distributed Databases (principle investigator—Michael Franklin, Computer Science and UMIACS). This project examines catching strategies and performance issues for designing distributed object oriented databases. This year's SUR award was used to set up a

IBM has provided two visualization work stations to support this work.

A symposium illustrating some of the research contributions resulting from the IBM and university collaborations was held on March 14. James McGroddy, IBM senior vice president and University of Maryland Distinguished Alumnus, headed the group which included about 15 scientists from IBM. Over 60 people attended the symposium which ended with a commitment to enhance the relationship even further.

Students Use Video To Tackle Diversity

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an hour-long documentary of interviews from the other colleges—including Dartmouth, Tulane, Oregon State, and the University of North Carolina at Chapel Hill. It will possibly be broadcast on national television.

After this first year, the —ISM (n.) model will be ready for replication on other campuses, in primary schools and in community centers

—ISM (n.) operates under the premise that diversity is an inherent part of American life and aims to influence young people's attitudes about diversity issues such as race and gender equity.

The first public screening of videos produced by —ISM (n.) students will take place Thursday, May 9 from 4:30-6:30 p.m. in Room 2103 of the Art/Sociology Building. A reception follows in the atrium.

The University of Maryland —ISM (n.) project is a unique coalition of students, administrators and faculty, working to promote diversity awareness. Students from United Cultures, a part of the Student Government Association that educates the campus on the value of diversity, initiated the project. It is supported by the Diversity Initiative and is housed in the comparative literature department. Other sponsors include Human Relations Programs, Continuing Education, Summer Session and Special Programs, the Flagship Channel, Academic Affairs, Arts and Humanities, Student Affairs and Undergraduate Studies.

The national —ISM (n.) television and educational project is funded through the Ford Foundation and the Institute for Media Arts.

For more information about the screening call 405-2838.

Provost Search Committee Appointed

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tural and resource economics; Julia Keener, president, Graduate Student Government; Dorothy Kennedy, director of business and finance, department of physics; William Mayer, dean, College of Business and Management; Mohammad Modarres, professor, department of materials and nuclear engineering; Jessica Puma, president of the Student Government Association; Marjorie Reaka-Kudla; professor, department of zoology and William Spann, director of Records and Registration.

The division of Academic Affairs is responsible for two-thirds of the university's \$725 million operating budget and oversight of all academic related functions of the institution.

Specific responsibilities include the

establishment, review and renewal of standards to maintain the highest quality of academic performance as well as recruitment of faculty and students for undergraduate and graduate studies. In addition, the division coordinates international affairs, information services and issues associated with human diversity.

According to Kirwan, "Given the university's national prominence, I am confident we will attract a high caliber of potential candidates to fill this critical post."

Kirwan added that although he'd like to have the position filled by the beginning of the Spring 1997 semester, the importance of this appointment warrants a thorough and comprehensive national search.

All at Sea: Historian Louis Harlan's Engaging Adventures in World War II

In March 1944, a battle-worn school bus commandeered into wartime service transported a newly minted and homesick ensign to his first assignment on one of the Navy's smallest oceangoing vessels, the LCI, a troop and supply transport ship on which the young man would spend two formative and maturing years.

"Occasionally my mind wandered forward to my vague, uncertain future, to the unknown ship I was traveling to meet and the cold, gray sea I would sail upon for the first time. It seemed to me that the one great fault of midshipmen's school was that it taught us nothing about the sea."

So begins "All at Sea: Coming of Age in World War II," the winsome story of Louis Harlan's passage from adolescence to manhood, from ego-deflating midshipmen's school to the Normandy invasion and beyond.

For Harlan, a distinguished university professor emeritus of history, World War II remains a "good" war, worthy in purpose and positive in its effect on the lives of his generation.

"War was our generational destiny," the author writes in his book, "and we could only dimly imagine the peacetime ahead when war would no longer be central to our lives."

France fell the week Harlan graduated from high school in 1940. He was a sophomore at Emory University, playing a game of touch football on a Sunday afternoon, when he heard the news of the Japanese attack on Pearl Harbor. Not long after that, in 1942, Harlan volunteered to join the Navy, "along with several dozen other sheepish youths at an empty movie theater in downtown Atlanta."

Supplied with more officer candidates than it needed, the Navy put Harlan on inactive duty until he managed to graduate early from college and in late October, 1943, the southern boy "shipped out" to midshipmen's school at Columbia University in bitterly cold and foreign New York City.

"My memory of those months is a smear of dirty snow, muddy shoes, and bone chill," he writes.

Harlan is honest and unsentimental in recounting his experiences on an LCI (Landing Craft, Infantry) in World War II. True, it was late in the game and the author's brief Naval career was not spent engaging in dazzling battles, but his heartfelt personal tale captures the travails of life for many young men who were thrown together to fight the war in Europe.

From the yearning tug of homesickness to the demoralizing reality of working daily under a cruel, emotionally stunted commanding officer, from the love left in the States to the casual sexual encounters abroad, the historian narrates his story in a touching, ingenuous writing style.

What emerges in "All at Sea" is the voice of the gawky, too-thin youngster Harlan once was. "I was rather deliberate in trying to include everything that I thought was significant, warts and all," Harlan says. "I tried to be painfully honest about all of my adventures and misadventures. The most vivid of these things were my war stories which I've been telling for years."

Ever the historian, Harlan sought to supplement his

unaided memory with documentation. A breakthrough in which came in 1984 when, after Harlan won the Pulitzer Prize for his biography of Booker T. Washington, his girlfriend of World War II days called him from California.

She'd saved all of the letters, two shoe boxes full, Harlan had sent to her during the war. Armed with photocopies of these and letters from a later girlfriend, plus a secret diary kept by his friend Harold "Cotton" Clark during their first year at sea, Harlan pieced together the bulk of his life as an ensign.



Taped interviews with two officers Harlan kept in touch with since the war and the ship's log, preserved in the National Archives, filled in the gaps of his Naval experiences.

"We had expected to cross the channel on June 3, but on that day we learned that D Day—a new term in our vocabulary—was postponed until June 5. Later yet, word came that D Day would be delayed one additional day on account of bad weather in the Channel.... The soldiers grew restless in their cramped quarters below decks, and not only because of the delay. Their equipment was so bulky that movement in the troop holds was difficult and poker games almost impossible. The air down there grew stale, and more and more soldiers sought fresh air and elbow room on the outer decks."

—from "All at Sea"

At 211 pages, "All at Sea" is a focused book, a slice of Harlan's life.

"From the beginning this was intended to be my story. So I am the center of action even though my contribution to the history of World War II was relatively minor," he says with a laugh.

"Any biographical study is a distortion of the complexity of history. History is interaction. History is the history of people but not only as individuals. Biography simplifies history but it also gives it immediacy. You can show how history affected the life of a person. Not so much that life affected history. After all, you've got several billion people in the historical continuum."

A few years before he sat down to write "All at Sea," Harlan spent eight weeks revisiting the European stops on LCI #555's course to refresh his visual memo-

ry. He traveled to the English Channel ports, crossed to the Normandy beach head, continued on to Pozzuoli, Italy, home base for Harlan's ship for several months, and then to southern France to the coast east of the Cotentin Peninsula, designated Omaha Beach, where the #555 carried American infantry troops to shore on D-Day.

The depopulated and economically depressed English coastal villages that Harlan knew during the war had been transformed into quaint resort towns. And at the port of Pozzuoli, near Naples, where the fishermen pulled in their nets during the war because of the mining of the coastal waters, the fishing industry was again thriving.

"It was fun," he says of his 1988 tour, "but I learned very little. The museums were terrible. The one in Southern France was a joke and the ones in Normandy weren't very good." Harlan suspects the curators, motivated by the 50th anniversary of D-Day celebrations, have since improved their exhibits.

After he retired from teaching in 1992, "All at Sea" became a compass for Harlan's life. He'd write from early morning until noon at his office in Frances Scott Key Hall.

"This is the first book I wrote on a computer," he says. "The thought flows to the paper much quicker than on a typewriter, much less longhand." After lunch he'd often return to the manuscript to reread and rewrite for a couple of hours.

By 1994 Harlan had finished writing All at Sea. After editing and polishing the manuscript Harlan ultimately sent it to The University of Illinois Press, publisher of the fourteen-volume "Booker T. Washington Papers" which Harlan co-edited.

"I've published other books, and one always feels like there is a huge hiatus between the acceptance of the manuscript and the editing process," he says. "Then comes the great silence while the manufacturing part takes place."

Now, more than 50 years since Harlan walked up the gangway of LCI #555, "All at Sea" is on its way to bookstores.

"We had expected to cross the channel on June 3, but on that day we learned that D-Day—a new term in our vocabulary—was postponed until June 5. Later yet, word came that D Day would be delayed one additional day on account of bad weather in the Channel.... The soldiers grew restless in their cramped quarters below decks, and not only because of the delay. Their equipment was so bulky that movement in the troop holds was difficult and poker games almost impos-

ble. The air down there grew stale, and more and more soldiers sought fresh air and elbow room on the outer decks. We Navy people were also keyed up. We had rehearsed enough. We were ready for the real thing. But we also felt some apprehension about how well we would meet the challenge. From the captain down to our seasick cook, our entire ship's company had played the fool in one way or another ever since the ship was commissioned."—from All at Sea.

Louis Harlan, distinguished university professor of history emeritus, will introduce and autograph his new book, "All at Sea: Coming of Age in World War II" on May 8, 1996, 4 to 6 p.m. at the Tortuga Room, Stamp Student Union. Copies of the book will be available at a reduced price of \$20.

—RITA SUTTER